

INTERNATIONAL SEARCH REPORT

International No
PCT/NL 03/00572

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B01J4/O4 B01J14/00 B01J19/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B01J C01G C30B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 45830 A (UNIV LEEDS ; WILLIAMS RICHARD (GB)) 28 June 2001 (2001-06-28) cited in the application page 2, line 21 - line 25 page 3, line 20 - line 32 page 8, line 8 - page 9, line 15 page 9, line 22 - line 26 page 11, line 9 - line 15; figures 1-5	1-25
A	PATENT ABSTRACTS OF JAPAN vol. 012, no. 230 (C-508), 29 June 1988 (1988-06-29) & JP 63 023734 A (AGENCY OF IND SCIENCE & TECHNOL), 1 February 1988 (1988-02-01) cited in the application abstract --- -/--	1-25

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- * & * document member of the same patent family

Date of the actual completion of the international search

11 December 2003

Date of mailing of the international search report

23/12/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Cubas Alcaraz, J

INTERNATIONAL SEARCH REPORT

Intern: A Application No

PCT/NL 03/00572

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>EP 0 157 156 A (HOECHST AG) 9 October 1985 (1985-10-09) cited in the application claim 1</p> <p>-----</p>	17-19

INTERNATIONAL SEARCH REPORT

International Search No
PCT/NL 03/00572

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0145830	A	28-06-2001	AU 2205701 A WO 0145830 A1	03-07-2001 28-06-2001
JP 63023734	A	01-02-1988	JP 1731849 C JP 4035215 B	17-02-1993 10-06-1992
EP 0157156	A	09-10-1985	DE 3408033 A1 AU 568191 B2 AU 3947485 A BR 8500966 A DD 235446 A5 DE 3560785 D1 EP 0157156 A1 ES 8601806 A1 GR 850535 A1 JP 60204623 A ZA 8501672 A	12-09-1985 17-12-1987 12-09-1985 22-10-1985 07-05-1986 26-11-1987 09-10-1985 01-03-1986 02-07-1985 16-10-1985 27-11-1985